



DEVELOPMENT SERVICES
ENGINEERING DIVISION
156 S. BROADWAY, SUITE 150
TURLOCK, CA 95380

PHONE: (209) 668-5520
FAX: (209) 668-5563
TDD: (800) 735-2929
engineering@turlock.ca.us

June 6, 2018

City Project No. 17-22, North Valley Regional Recycled Water Pipeline – Turlock Component

Plan holders:

Addendum No. 2 was issued today. Attached hereto is the following supplemental reference document, but though is not considered a contract document:

- Questions and Answers Set #1 (Questions received from May 29, 2018 to May 31, 2018)

If you have any questions, please contact me at (209) 668-5417 or email at sfremming@turlock.ca.us.

Sincerely,

Stephen Fremming
Senior Civil Engineer

City of Turlock
North Valley Regional Recycled Water Program - Turlock Component
Questions and Answers during Bidding

Questions and Answers Set #2 (Questions received from May 29, 2018 to May 31, 2018)

These questions and answers are provided for convenience and informational purposes only and do not modify the contract documents. See Addenda for contract modifications, if any.

- 1. In Section 01355A-Page 4 Part 3 Execution, 3. Dust Control: It says the Contractor shall use reclaimed water to control dust on a daily basis or as directed by the Construction Manager. Can you tell us where the locations are, that we as the Contractor will be able to obtain the Reclaimed Water for use during the project and what the volume and flowrate of these sources will be?**

Addendum 2 will revise "reclaimed water" to "non-potable water." Refer to Section 01500, Part 1.04.D for information regarding temporary water.

- 2. Please clarify paragraph 11 in Document 00300 on page 00300-4 of the specifications:**
- a. Does the coil that the pipe cylinder is rolled and welded from need to be domestically manufactured?**
 - b. Does the raw steel that the coil is made from need to be domestic?**

Both the coil and raw steel would be required to be domestically manufactured.

- 3. There are many projects bidding around the time of this project. We respectfully request the bid date be postponed two weeks to provide sufficient time to submit a responsible bid.**

At this time the City does not plan to extend the bid opening date. The project advertised on April 27 and had mandatory pre-bid meetings in early May providing sufficient time to prepare a bid by June 12.

- 4. Drawing G-07 provides an overview of the 'Modesto Soils Disposal Location'. Can the contractor dump/dispose of trench spoils (overburden) at this location? Is there any cost associated with dump/disposal of trench spoils at this location? If we are allowed to dump/dispose of trench spoils are there any conditions we should be aware of – Hydroseeding when dumping complete etc. Please advise.**

See Section 01738, Part 2.01-C for requirements to dispose of soil at the Modesto Jennings treatment plant. There are no fees for soil disposal. Hydro seeding is not required. Addendum 2 will include language about stockpiling soil after disposing on Modesto's property.

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- 5. For the Launch/Receiving shafts associated with the Micro-Tunnels what is the detail we are to use for backfilling the pits. Are we to use details P-002/002-A on Drawing TP01? Also what specifications section are we to use to determine the backfill requirements, Section 02300? Please advise.**

Backfill of launching / receiving shafts will be clarified in Addendum 2.

- 6. Please confirm that the contractor is responsible for arranging and paying for all special inspections: compaction, NACE, welding etc.**

Refer to the contract documents related to responsibility for special inspections. Addendum No. 1 shifted some responsibility for special inspection and testing from the Contractor to the Construction Manager.

- 7. Specification Section 02261 excludes the use of soldier pile and lagging in locations where 'high groundwater levels are present'. Please define 'high groundwater levels', is this 5.0' from ground surface, 8.0'?? Please clarify.**

Soldier piles have been removed as a viable construction method for these shafts. See Addendum 2.

- 8. Specification Section 02261 2.02.A states that if sheet pile are used for shaft shoring that they must be installed using the hydraulic press method. Is this correct? Typically predrilling for sheet piles and then vibrating in place is acceptable/ an industry standard. Please review this requirement and consider changing/ allowing predrilling and vibratory method of sheet pile installation.**

The Contractor shall install the sheet piles per the requirements of specification 02261 2.02.A. Please note Specification 02261 has been revised in Addendum 2 to include additional revisions.

- 9. Section 02312 appears to allow for the use of soil-cement backfill. Section 2.01-A sub section C states that native material can be used in lieu of sand/ other aggregates. Please confirm this is the case/ intent.**

Section 02312 allows the use of soil-cement backfill. This is also shown in typical detail P0002A. Section 02312, Part 2.01-A.1 allows native material per Section 02050, free of organic material and other deleterious substances as an acceptable aggregate in the CLSM.

- 10. Given all the work bidding right now please consider postponing the bid by one to two weeks.**

At this time the City does not plan to extend the bid opening date. The project advertised on April 27 and had mandatory pre-bid meetings in early May providing sufficient time to prepare a bid by June 12.

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- 11. The generator specs (section 16231 paragraph 2.01.B) states that “Manufacturer: Cummins, Caterpillar, or approved equal”. We would like to request that a Generac generator that meets the specs be approved as a substitute.**

Per Section 00200, Article 11, “...a substitute or “or-equal” item of material or equipment, application for such acceptance may not be made to and will not be considered by Engineer until after the Effective Date of the Contract.” If a Generac generator is submitted and found to meet the specification requirements, it will be approved.

- 12. Would you consider modifying the manufacturing qualifications listed in Part 1.04 of specification Section 15277 on page 15277-2 to allow for more competitive bids on this project? We have over 30 years of experience producing AWWA C200 pipe and have recently installed a new pipe mill. The mill is ISO 9001 and SPFA certified as well as being certified to produce piling for Caltrans (see attached certifications). Although the mill is new to our location it has produced over 100,000 thousand tons of A252 piling for our parent company SeAH Steel in Korea over the past 5 years. Please see the attached project history of the larger AWWA C200 projects produced at our location. Please let me know your decision as soon as possible so that we still have time to prepare a quotation.**

The steel pipeline manufacturer will be required to meet the qualification requirements of Section 15277.

- 13. Specification Section 02240 1.04-B Item No.2 states ‘Use impermeable shoring system to minimize lowering of groundwater outside shoring’. This statement infers that where the pipeline excavation is below the groundwater table that we are required to solid sheet the pipeline trench. We don’t believe this is the intent. Our interpretation of the specifications is that solid sheeting is only being mandated (as one of a handful of options) at the micro tunnel shafts/pits. Please clarify the intent – is solid sheeting required for the pipeline trench YES or NO. Please consider deleting 1.04-B Note No.2 from the specifications.**

This requirement is modified in Addendum 2.

- 14. We just received notice of Addendum No.1 this morning, and after the download we found that the addenda was 218 pages effecting 18 different Specification Sections, and 5 different Drawing Sheets. At the Pre-Bid meeting that we attended May 10, 2018, we were told that the 1st addenda would be issued in one week, evidently that slipped by quite a bit. With this many changes we feel that it would be prudent that the bid date be delayed by at least 2 weeks to allow for the proper assessment of the new items.**

At this time the City does not plan to extend the bid opening date. Addendum 1 consisted mainly of specification clarifications and did not substantially change the scope of work.

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- 15. Specification Section 02318-3.04.C.3 States that Trench Backfill “Under and parallel to roadways or in paved areas, storage areas, access roads, or under roadway shoulders:” shall be aggregate base course material as specified in Section 02050. The limits of the “Access Road (Unnamed)” West of Jennings Road are not clearly defined between STA 37+00 and STA 91+00 (Sheets P03 to P09). Is the pipeline in the section considered “Parallel to or in an access road” or is the pipeline thru this section considered in “Open Country or Agricultural Areas”?**

The Access Road (Unnamed) between STA 37+00 and STA 91+00 shown on sheets P03 to P09 is considered parallel to or in an access road.

- 16. Is this project subject to the Buy America or Buy American material requirement for steel product?**

This project requires American Iron and Steel Certification. Document 00501 must be submitted with the bid and provides information on American Iron and Steel requirements.

- 17. What is the finish color of the new chain link fence and gates for this project? Will this be an all PVC coated chain link fabric and framework?**

The fencing shall have PVC, ASTM F 668 color coating and the color will be selected by the engineer, per specification 02820 section 2.01.A.3.c.6.